

JEREMY CHEN

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LinkedIn: <https://ca.linkedin.com/in/jeremychen2>
Github: <https://github.com/jeremychen0127>

- Proficient languages: C/C++, Python, Java, JavaScript, HTML5, CSS, SQL
- Comfortable with operating systems: Linux, OS X, and Windows
- Strong knowledge of databases: MongoDB and MySQL
- Experienced with Node.js, React.js, JQuery, and Material UI
- Familiar with TCP/IP concepts, object-oriented design, design patterns, and agile methodology

EXPERIENCE

Full Stack Developer

Apr. 2016 - Present

Miovision Technologies Inc., Waterloo, ON

- Design and implement a real-time organizational management system with features par with Facebook's and LinkedIn's key features using JavaScript, React, and MongoDB
- Implement visualizations of OKRs and organizational structures with D3.js
- Improved system performance by reducing loading time by 90%
- Participate in at least 40% of software architectural and database design

Software Engineer

Aug. 2015 - Dec. 2015

Dematic Limited, Waterloo, ON

- Designed and implemented a system which collapses the configuration files from more than 10,000 lines to approximately 4,000 lines and expands them back using Java
- Implemented automated deployment of the existing products and the third-party software, reducing the time to create and configure a testing server from hours to 30-35 minutes
- Implemented a system which analyzes and visualizes metrics using Node.js and D3.js

Software Developer

Jan. 2015 - Apr. 2015

NCR Canada Limited, Waterloo, ON

- Designed and implemented the backend of an ATM testing framework using Perl
- Co-designed and implemented a GUI for monitoring and visualizing testing data

PROJECTS

Simple4Chat (<https://github.com/jeremychen0127/Simple4Chat>)

- Design and implement a chat-room-oriented messaging app

Personal Website and Portfolio (www.jeremy-chen.com)

- Implemented a responsive and mobile-friendly website
- Designed and implemented using React.js and Material UI

Tic-Tac-Toe with Unbeatable Player (https://github.com/jeremychen0127/Tic_Tac_Toe)

- Implemented a tic-tac-toe game using MVC architecture in C++
- Implemented an unbeatable AI player using minimax algorithm

Tote (<https://github.com/jeremychen0127/tote>)

- Implemented mix-n-match for dressing
- Designed and implemented 95% of the UI components using React

EDUCATION

Candidate for Bachelor of Computer Science

Sept. 2013 - Present

Co-operative Program, University of Waterloo, Waterloo, ON